

AMENDMENTS IN THE CLAIMS:

Please amend the claims as follows. Claims 1-11 are currently pending.

Claim 1 (Original): A radiation detector comprising:

a main body; and

a radiation detection probe connected to the main body, the radiation detection probe

including:

a radiation detection element for detecting radiation transmitted through the distal end of the radiation detection probe;

a light-emitting device for emitting pointer light toward the distal end of the radiation detection probe; and

a first window provided on the distal end of the radiation detection probe to transmit the pointer light.

Claim 2 (Original): The radiation detector according to Claim 1, wherein

the radiation detection element is disposed between the distal end of the radiation detection probe and the light-emitting device,

the radiation detection element has a second window for transmitting the pointer light, and

the pointer light passes through the second window and then the first window to be emitted from the radiation detection probe.

Claim 3 (Original): The radiation detector according to Claim 2, wherein
the radiation detection element is divided into a plurality of element pieces which are
arranged to surround the second window.

Claim 4 (Currently Amended): The radiation detector according to ~~any one of Claims 1~~
~~to 3~~ Claim 1, wherein the radiation detection probe further includes a condenser lens provided in
the first window.

Claim 5 (Currently Amended): The radiation detector according to ~~any one of Claims 1~~
~~to 4~~ Claim 1, further comprising an optical guide for guiding the pointer light from the light-
emitting device to the first window.

Claim 6 (Original): The radiation detector according to Claim 5, wherein
the optical guide has a pipe extending from the light-emitting device to the first window.

Claim 7 (Original): The radiation detector according to Claim 6, wherein an optical fiber
is placed in the pipe.

Claim 8 (Currently Amended): The radiation detector according to ~~any one of Claims 5~~
~~to 7~~ Claim 5, wherein

the radiation detection probe further includes an light-blocking cover which covers the
light-emitting device, and

the optical guide has a through-hole provided in the light-blocking cover.

Claim 9 (Currently Amended): The radiation detector according to ~~any one of Claims 1 to 8~~ Claim 1, wherein the radiation detection probe further includes a collimator disposed between the distal end of the radiation detection probe and the radiation detection element to collimate the radiation.

Claim 10 (Original): The radiation detector according to Claim 9, wherein the first window is placed on the center axis of the collimator.

Claim 11 (Currently Amended): The radiation detector according to ~~any one of Claims 1 to 10~~ Claim 1, wherein

the radiation detection probe further includes an input plate provided on the distal end of the radiation detection probe,

the first window is a through-hole provided in the input plate, and

the input plate blocks an electromagnetic wave having an energy of 1 keV or less.